

ABSTRACT

Poisoned modified polymer of poly(ethynylene phenylene ethynylene silylene) type that may be obtained by
5 selective addition of a compound containing only one reactive function to the acetylenic bonds of a poly(ethynylene phenylene ethynylene silylene) polymer.

Compositions containing these modified polymers.

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Process for preparing these modified polymers.

Novel self-poisoned polymers of poly(ethynylene phenylene ethynylene silylene) type.

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Cured products that may be obtained by heat treatment of the said modified or self-poisoned polymers.

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The polymers and cured products have improved mechanical properties while maintaining excellent thermal properties.

No figures.